Journal of Gerontology: PSYCHOLOGICAL SCIENCES

Index to Volume 43

Ackerman, A.M. — (See Hyland, D.T.)
Acknowledgments — P61
Amrhein, P.C. — (See Stelmach, G.E.)
Andres, D. — (See Gold, D.)
Arbuckle, T. — (See Gold, D.)

Baylor, A.M. — & W.W. Spirduso. Systematic aerobic exercise and components of reaction time in older women. P121
Bendlin, G. — (See Rebok, G.W.)
Blackburn, J.A. — D. Papalia-Finlay, B.F. Foye, & R.C. Serlin. Modifiability of figural relations performance among elderly adults. P87
Brouwer, W.H. — (See Ponds, R.W.H.M.)

Capitani, E. — S.D. Sala, F. Lucchelli, P. Soave, & H. Spinnler. Perceptual attention in aging and dementia measured by Gottschaldt's hidden figure test. P157
Cooney, T.M. — K.W. Schaie, & S.L. Willis. The relationship between prior functioning on cognitive and personality dimensions and subject attrition in longitudinal research. P12
Crowne, D.P. — (See Dawson, K.A.)
Cunningham, W.R. — (See White, N.)
Curnow, C. — (See Schulz, R.)

Dawson, K.A. — & D.P. Crowne. Longitudinal development of activity rhythms in Long Evans rats. P85
Dick, M.B. — M.-L. Kean, & D. Sands. The preselection effect on the recall facilitation of motor movements in Alzheimer-type dementia. P127
Dudley, W.N. — (See Puglisi, J.T.)

Essex, M.J. — (See Lohr, M.J.)

Field, D. — & M. Minkler. Continuity and change in social support between young-old and old-old or very-old age. P100
Foye, B.F. — (See Blackburn, J.A.)

Goggin, N.L. — (See Stelmach, G.E.)
Gold, D. — D. Andres, T. Arbuckle, & A. Schwartzman. Measurement and correlates of verbosity in elderly people. P27
Gollin, E.S. — (See Sharps, M.J.)
Gurland, B. — (See Toner, J.)
Guttentag, R.E. — & R.R. Hunt. Adult age differences in memory for imagined and performed actions. P107

Haight, B.K. — The therapeutic role of a structured life review process in homebound elderly subjects. P40
Hayslip, Jr., B. — Personality-ability relationships in aged adults. P79
Hunt, R.R. — (See Guttentag, R.E.)
Hyland, D.T. — & A.M. Ackerman. Reminiscence and autobiographical memory in the study of the personal past. P35

Index — P173

Kean, M.-L. — (See Dick, M.B.)
Kercher, K. — K.D. Kosloski, & J.B. Normoyle. Reconsideration of fear of personal aging and subjective well-being in later life. P170
Kleban, M.H. — (See Pruchno, R.A.)
Klein, M.H. — (See Lohr, M.J.)
Kline, D. — (See Kosnik, W.)
Kline, D.W. — (See Scialfa, C.T.)
Knight, B. — Factors influencing therapist-rated change in older adults. P111
Kosloski, K.D. — (See Kercher, K.)
Kosnik, W. — L. Winslow, D. Kline, K. Rasinski, & R. Sekuler. Visual changes in daily life throughout adulthood. P63

Lohr, M.J. — M.J. Essex, & M.H. Klein. The relationships of coping responses to physical health status and life satisfaction among older women. P54
Lucchelli, F. — (See Capitani, E.)

Mahard, R.E. — The CES-D as a measure of depressive mood in the elderly Puerto Rican population. P24
Martin, L.G. — The aging of Asia. P99
McAvay, G. — (See Rodin, J.)
Minkler, M. — (See Field, D.)
Montaglione, C.J. — (See Rebok, G.W.)

Normoyle, J.B. — (See Kercher, K.)

Papalia-Finlay, D. — (See Blackburn, J.A.)
Park, D.C. — (See Puglisi, J.T.)
Ponds, R.W.H.M. — W.H. Brouwer, & P.C. van Wolffelaar. Age differences in divided attention in a simulated driving task. P151
Pruchno, R.A. — M.H. Kleban, & N.L. Resch. Psychometric assessment of the multidimensional observation scale for elderly subjects (MOSES). P164
Puglisi, J.T. — D.C. Park, A.D. Smith, & W.N. Dudley. Age differences in encoding specificity. P145

Rasinski, K. — (See Kosnik, W.)
Rebok, G.W. — C.J. Montaglione, & G. Bendlin. Effects of age and training on memory for pragmatic implications in advertising. P75
Reisman, J.M. — An indirect measure of the value of friendship for aging men. P109
Resch, N.L. — (See Pruchno, R.A.)
Rodin, J. — G. McAvay, & C. Timko. A longitudinal study of depressed mood and sleep disturbances in elderly adults. P45
Rye, P. — (See Smith, R.A.P.)

Sala, S.D. — (See Capitani, E.)
Sands, D. — (See Dick, M.B.)
Schaie, K.W. — (See Cooney, T.M.)
Schulz, R. — & C. Curnow. Peak performance and age among superathletes: Track and field, swimming, baseball, tennis, and golf. P113
Schwartzman, A. — (See Gold, D.)
Scialfa, C.T. — & D.W. Kline. Effects of noise type and retinal eccentricity on age differences in identification and localization. P91
Sekuler, R. — (See Kosnik, W.)
Serlin, R.C. — (See Blackburn, J.A.)
Sharps, M.J. — & E.S. Gollin. Aging and free recall for objects located in space. P8
Smith, A.D. — (See Puglisi, J.T.)
Smith, R.A.P. — N.J. Woodward, B.S. Wallston, K.A. Wallston, P. Rye, & M. Zylstra. Health care implications of desire and expectancy for control in elderly adults. P1
Soave, P. — (See Capitani, E.)
Spinnler, H. — (See Capitani, E.)
Spirduso, W.W. — (See Baylor, A.M.)
Spitzer, M.E. — Taste acuity in institutionalized and noninstitutionalized elderly men. P71
Stelmach, G.E. — P.C. Amrhein, & N.L. Goggin. Age differences in bimanual coordination. P18

Teresi, J. — (See Toner, J.)
Timko, C. — (See Rodin, J.)
Toner, J. — B. Gurland, & J. Teresi. Comparison of self-administered and rater-administered methods of assessing levels of severity of depression in elderly patients. P136

van Wolffelaar, P.C. — (See Ponds, R.W.H.M.)

Wallston, B.S. — (See Smith, R.A.P.)
Wallston, K.A. — (See Smith, R.A.P.)
White, N. — & W.R. Cunningham. Is terminal drop pervasive or specific? P141
Willis, S.L. — (See Cooney, T.M.)
Winslow, L. — (See Kosnik, W.)
Woodward, N.J. — (See Smith, R.A.P.)
Woollacott, M. — (See Inglin, B.)

Zylstra, M. — (See Smith, R.A.P.)

Journal of Gerontology: SOCIAL SCIENCES

Index to Volume 43

Abler, R.M. —& B.R. Fretz. Self-efficacy and competence in independent living among oldest old persons. S138
Acknowledgments — S63
Antonucci, T.C. — (See Ingersoll-Dayton, B.)

Barell, V. — (See Kaplan, G.)
Bohland, J.R. —& G.D. Rowles. The significance of elderly migration to changes in elderly population concentration in the United States: 1960–1980. S145
Burkhauser, R.V. — K.C. Holden, & D. Feaster. Incidence, timing, and events associated with poverty: A dynamic view of poverty in retirement. S46

Campione, W.A. — Predicting participation in retirement preparation programs. S91
Cohen, C.I. — J.A. Teresi, & D. Holmes. The physical well-being of old homeless men. S121
Cohen, M.A. — E.J. Tell, & S.S. Wallack. The risk factors of nursing home entry among residents of six continuing care retirement communities. S15
Coles, R. — (See Kendig, H.L.)
Comstock, G.W. — (See Goldberg, E.L.)
Costa, Jr., P.T. — (See McCrae, R.R.)
Crider, D.M. — (See Willits, F.K.)
Cutler, S.J. —& A.E. Grams. Correlates of self-reported everyday memory problems. S82

Davis, M.A. — S.P. Murphy, & J.M. Neuhaus. Living arrangements and eating behaviors of older adults in the United States. S96

Evans, L. — Older driver involvement in fatal and severe traffic crashes. S186

Feaster, D. — (See Burkhauser, R.V.)
Ferraro, K.F. — (See Mutran, E.)
Fretz, B.R. — (See Abler, R.M.)

Goldberg, E.L. — G.W. Comstock, & S.D. Harlow. Emotional problems and widowhood. S206
Grady, W.R. — (See Hayward, M.D.)
Grams, A.E. — (See Cutler, S.J.)

Haga, H. — (See Koyano, W.)
Harlow, S.D. — (See Goldberg, E.L.)
Hayward, M.D. — W.R. Grady, & S.D. McLaughlin. Recent changes in mortality and labor force behavior among older Americans: Consequences for nonworking life expectancy. S194
Herzog, A.R. —& W.L. Rodgers. Age and response rates to interview sample surveys. S200
Holden, K.C. — Poverty and living arrangements among older women: Are changes in economic well-being underestimated? S22
Holden, K.C. — (See Burkhauser, R.V.)
Holmes, D. — (See Cohen, C.I.)

Index — S209
Ingersoll-Dayton, B. —& T.C. Antonucci. Reciprocal and nonreciprocal social support: Contrasting sides of intimate relationships. S65

Kaplan, G. — V. Barell, & A. Lusky. Subjective state of health and survival in elderly adults. S114
Kendig, H.L. — R. Coles, Y. Pittelkow, & S. Wilson. Confidants and family structure in old age. S31
Koyano, W. — H. Shibata, K. Nakazato, H. Haga, Y. Suyama, & T. Matsuzaki. Prevalence of disability in instrumental activities of daily living among elderly Japanese. S41
Krause, N. — Stressful like events and physician utilization. S53
Krout, J.A. — Community size differences in service awareness among elderly adults. S28

Liang, J. — T. Van Tran, & K.S. Markides. Differences in the structure of life satisfaction index in three generations of Mexican Americans. S1
Lusky, A. — (See Kaplan, G.)

Martin, L.G. — The aging of Asia. S99
Manton, K.G. — A longitudinal study of functional change and mortality in the United States. S153
Markides, K.S. — (See Liang, J.)
Matsuzaki, T. — (See Koyano, W.)
McCrae, R.R. —& P.T. Costa, Jr. Age, personality, and the spontaneous self-concept. S177
McLaughlin, S.D. — (See Hayward, M.D.)
Meyer, J.W. — (See Speare, Jr., A.)
Morgan, D.L. — Age differences in social network participation. S129
Murphy, S.P. — (See Davis, M.A.)
Mutran, E. —& K.F. Ferraro. Medical need and use of services among older men and women. S162

Nakazato, K. — (See Koyano, W.)
Neuhaus, J.M. — (See Davis, M.A.)

Pittelkow, Y. — (See Kendig, H.L.)

Rodgers, W.L. — (See Herzog, A.R.)
Rowles, G.D. — (See Bohland, J.R.)

Shibata, H. — (See Koyano, W.)
Speare, Jr., A. —& J.W. Meyer. Types of elderly residential mobility and their determinants. S74
Suyama, Y. — (See Koyano, W.)

Tell, E.J. — (See Cohen, M.A.)
Teresi, J.A. — (See Cohen, C.I.)
Thomas, J.L. — Predictors of satisfaction with children's help for younger and older elderly parents. S9

Van Tran, T. — (See Liang, J.)

Wallack, S.S. — (See Cohen, M.A.)
Willits, F.K. —& D.M. Crider. Health rating and life satisfaction in the later middle years. S172
Wilson, S. — (See Kendig, H.L.)

Journal of Gerontology: BIOLOGICAL SCIENCES

Index to Volume 43

Acknowledgments—B57
Adelman, R.C.—Editorial: The importance of basic biological science to gerontology. B1
Au, W.W.—(See Parkening, T.A.)

Baba, S.—(See Oimomi, M.)
Baresi, L.A.—(See Scarpace, P.J.)
Battaini, F.—(See Govoni, S.)

Chew, B.—(See Wurtman, J.J.)
Coe, C.L.—(See Ershler, W.B.)
Collins, T.J.—(See Parkening, T.A.)
Corrigan, D.L.—(See Gardner, A.W.)
Cox, A.B.—(See Yamamoto, O.)
Cristofalo, V.J.—Editorial. B31

Editorial—B147
Ershler, W.B.—C.L. Coe, N. Laughlin, R.G. Klopp, S. Gravenstein, E.B. Roecker, & K.T. Schultz. Aging and immunity in non-human primates. II. Lymphocyte response in thymosin treated middle-aged monkeys. B142

Flood, J.F.—Effect of acute arecoline, tacrine, and arecoline + tacrine post-training administration on retention in late middle-aged mice. B54
Friedman, D.B.—& T.E. Johnson. Three mutants that extend both mean and maximum life span of the nematode, *Caenorhabditis elegans*, define the *age-1* gene. B102
Fuji, I.—(See Yamamoto, O.)

Gardner, A.W.—E.T. Poehlman, D.A. Sedlock, D.L. Corrigan, & S. Siconolfi. A longitudinal study of energy expenditure in males during steady-state exercise. B22
Gervais, F.—P. Patel, & E. Skamene. Increased natural resistance to *Listeria monocytogenes* in senescent mice correlates with enhanced macrophage bactericidal activity. B152
Giddens, W.E.—(See Wolf, N.S.)
Gleiser, C.A.—(See Iwasaki, K.)
Gleiser, C.A.—(See Iwasaki, K.)
Goldstein, A.L.—(See Weindruch, R.)
Govoni, S.—R.A. Rius, F. Battaini, & M. Trabucchi. Reduced cAMP-dependent phosphorylation in striatum and nucleus accumbens of aged rats: Evidence of an altered functioning of D_1 dopaminoceptive neurons. B93
Gravenstein, S.—(See Ershler, W.B.)

Hardin, R.R.—(See Kalu, D.N.)
Hartman, P.S.—(See Johnson, T.E.)
Hata, F.—(See Oimomi, M.)
Hatanaka, H.—(See Oimomi, M.)
Herbert, D.C.—(See Kalu, D.N.)
Holloszy, J.O.—Minireview: Exercise and longevity: Studies on rats. B149

Index—B181
Iwasaki, K.—C.A. Gleiser, E.J. Masoro, C.A. McMahan, E.-J. Seo, & B.P. Yu. The influence of dietary protein source on longevity and age-related disease processes of Fischer rats. B5
Iwasaki, K.—C.A. Gleiser, E.J. Masoro, C.A. McMahan, E.-J. Seo, & B.P. Yu. Influence of the restriction of individual dietary components on longevity and age-related disease of Fischer rats: The fat component and the mineral component. B13

Jacobs, J.W.—(See Kalu, D.N.)
Johnson, T.E.—Minireview: Genetic specification of life span: Processes, problems, and potentials. B87
Johnson, T.E.—P.S. Hartman. Radiation effects on life span in *Caenorhabditis elegans*. B137
Johnson, T.E.—(See Friedman, D.B.)

Kalu, D.N.—D.C. Herbert, R.R. Hardin, B.P. Yu, G. Kaplan, & J.W. Jacobs. Mechanism of dietary modulation of calcitonin levels in Fischer rats. B125
Kaplan, G.—(See Kalu, D.N.)
Kitamoto, T.—(See Ogomori, K.)
Kitamura, Y.—(See Oimomi, M.)
Klopp, R.G.—(See Ershler, W.B.)

Laughlin, N.—(See Ershler, W.B.)
Lett, J.T.—(See Yamamoto, O.)
Letters to the Editor—B3, B58, B85, B110
Lieberman, H.—(See Wurtman, J.J.)

Maeda, Y.—(See Oimomi, M.)
Martin, G.M.—& M.S. Turker. Minireview: Model systems for the genetic analysis of mechanisms of aging. B33
Martin, G.M.—(See Wolf, N.S.)
Masaro, E.J.—Minireview: Food restriction in rodents: An evaluation of its role in the study of aging. B59
Masaro, E.J.—(See Iwasaki, K.)
Masaro, E.J.—(See Iwasaki, K.)
Matsumoto, S.—(See Oimomi, M.)
McMahan, C.A.—(See Iwasaki, K.)
McMahan, C.A.—(See Iwasaki, K.)
Miller, A.R.—A set of test life tables for theoretical gerontology. B43
Miller, Jr., I.J.—Human taste bud density across adult age groups. B26
Mooradian, A.D.—(See Scarpace, P.J.)
Morley, J.E.—(See Scarpace, P.J.)

Nader, T.—(See Wurtman, J.J.)
Naylor, P.H.—(See Weindruch, R.)

Ogomori, K.—T. Kitamoto, J. Tateishi, Y. Sato, & T. Tashima. Aging and cerebral amyloid: Early detection of Amyloid in the human brain using chemical extraction and immunostain. B157
Oimomi, M.—Y. Maeda, F. Hata, Y. Kitamura, S. Matsumoto, H. Hatanaka, & S. Baba. A study of the age-related acceleration of glycation of tissue protein in rats. B98

Parkening, T.A.—T.J. Collins, & W.W. Au. Paternal age and its effects on reproduction in C57BL/6NNia mice. B79
Patel, P.—(See Gervais, F.)
Poehlman, E.T.—(See Gardner, A.W.)
Pollard, M.—(See Snyder, D.L.)

Rius, R.A.—(See Govoni, S.)
Roecker, E.B.—(See Ershler, W.B.)

Sato, Y.—(See Ogomori, K.)
Scarpace, P.J.—A.D. Mooradian, & J.E. Morley. Age associated decrease in beta-adrenergic receptors and adenylate cyclase activity in rat brown adipose tissue. B65
Scarpace, P.J.—& L.A. Baresi. Increased beta-adrenergic receptors in the light-density membrane fraction in lungs from senescent rats. B163
Schultz, K.T.—(See Ershler, W.B.)
Sedlock, D.A.—(See Gardner, A.W.)
Seo, E.-J.—(See Iwasaki, K.)
Seo, E.-J.—(See Iwasaki, K.)
Siconolfi, S.—(See Gardner, A.W.)
Skamene, E.—(See Gervais, F.)
Snyder, D.L.—B.S. Wostmann, & M. Pollard. Serum hormones in diet-restricted gnotobiotic and conventional Lobund-Wistar rats. B168
Stadtman, E.R.—Minireview: Protein modification in aging. B112

Tashima, T.—(See Ogomori, K.)
Tateishi, J.—(See Ogomori, K.)
Trabucchi, M.—(See Govoni, S.)
Tsay, R.—(See Wurtman, J.J.)
Turker, M.S.—(See Martin, G.M.)

Walford, R.L.—(See Weindruch, R.)
Ward, W.F.—Enhancement by food restriction of liver protein synthesis in the aging Fischer 344 rat. B50
Ward, W.F.—Food restriction enhances the proteolytic capacity of the aging rat liver. B121
Weindruch, R.—P.H. Naylor, A.L. Goldstein, & R.L. Walford. Influences of aging and dietary restriction on serum thymosin$_{\alpha 1}$ levels in mice. B40
Wolf, N.S.—W.E. Giddens, & G.M. Martin. Life table analysis and pathologic observations in male mice of a long-lived hybrid strain ($A_f \times$C57BL/6)F_1. B71
Wostmann, B.S.—(See Snyder, D.L.)
Wurtman, J.J.—H. Lieberman, R. Tsay, T. Nader, & B. Chew. Calorie and nutrient intakes of elderly and young subjects measured under identical conditions. B174

Yamamoto, O.—I. Fuji, T. Yoshida, A.B. Cox, & J.T. Lett. Age dependency of base modification in rabbit liver DNA. B132
Yoshida, T.—(See Yamamoto, O.)
Yu, B.P.—(See Iwasaki, K.)
Yu, B.P.—(See Iwasaki, K.)
Yu, B.P.—(See Kalu, D.N.)

Journal of Gerontology: MEDICAL SCIENCES

Index to Volume 43

Acknowledgments—M51
Alvarez, S.—C.G. Shell, T.W. Woolley, S.L. Berk, & J.K. Smith. Nosocomial infections in long-term facilities. M9
Andres, R.—(See Hallfrisch, J.)
Applegate, W.B.—(See Elam, J.T.)

Baumann, M.—(See Creditor, M.C.)
Berk, S.L.—(See Alvarez, S.)
Bier-Laning, C.M.—(See Zahniser, N.R.)
Bohi, R.L.—(See Potter, J.F.)
Bokan, J.—(See Williams, D.E.)
Bremner, W.J.—(See Tenover, J.S.)
Breuer, B.—(See Sorock, G.S.)
Bush, T.L.—(See Sorock, G.S.)

Cadigan, D.A.—(See Magaziner, J.)
Cain, K.C.—(See Uhlmann, R.F.)
Campion, E.W.—L.O. deLabry, & R.J. Glynn. The effect of age on serum albumin in healthy males: Report from the normative aging study. M18
Chancellor, A.H.—(See Mant, A.)
Clarkson, P.M.—& M.E. Dedrick. Exercise-induced muscle damage, repair and adaptation in old and young subjects. M91
Clifton, D.K.—(See Tenover, J.S.)
Creditor, M.C.—E.C. Smith, J.B. Gallai, M. Baumann, & K.E. Nelson. Tuberculosis, tuberculin reactivity and delayed cutaneous hypersensitivity in nursing home residents. M97
Creighton, D.—(See Ottenweller, J.E.)

Dedrick, M.E.—(See Clarkson, P.M.)
deLabry, L.O.—(See Campion, E.W.)
Driscoll, P.A.—(See Tonino, R.P.)

Elam, J.T.—M.J. Graney, W.B. Applegate, S.T. Miller, J.M. Freeman, T.O. Wood, & T.C. Gettlefinger. Functional outcome one year following cataract surgery in elderly persons. M122
Eve, S.B.—A longitudinal study of use of health care services among older women. M31
Eyland, A.E.—(See Mant, A.)

Feldman, D.S.—(See Meador, K.J.)
Freeman, J.M.—(See Elam, J.T.)
Fried, L.P.—(See Sorock, G.S.)
Fujiwara, R.—(See Tamai, T.)

Gallai, J.B.—(See Creditor, M.C.)
Garn, S.M.—T.V. Sullivan, & V.M. Hawthorne. Effect of skinfold levels on lipids and blood pressure in younger and older adults. M170
Garry, P.J.—(See Goodwin, J.S.)
Gerber, J.G.—(See Zahniser, N.R.)
Gettlefinger, T.C.—(See Elam, J.T.)
Glynn, R.J.—(See Campion, E.W.)
Golden, A.L.—(See Sorock, G.S.)
Goodwin, J.S.—& P.J. Garry. Lack of correlation between indices of nutritional status and immunologic function in elderly humans. M46
Graney, M.J.—(See Elam, J.T.)

Hale, W.E.—(See Sorock, G.S.)
Hallfrisch, J.—J.D. Tobin, D.C. Muller, & R. Andres. Fiber intake, age, and other coronary risk factors in men of the Baltimore longitudinal study (1959–1975). M64
Hawthorne, V.M.—(See Garn, S.M.)
Hebel, J.R.—(See Magaziner, J.)
Higuchi, M.—(See Tamai, T.)
Hughes, D.R.—(See Meador, K.J.)

Imura, H.—(See Kakehi, T.)
Index—M181
Inglin, B.—& M. Woollacott. Age-related changes in anticipatory postural adjustments associated with arm movements. M105

Kakehi, T.—H. Kuzuya, Y. Yoshimasa, K. Yamada, M. Okamoto, H. Nishimura, & H. Imura. Binding and tyrosine kinase activities of the insulin receptor on Epstein-Barr virus transformed lymphocytes from patients with Werner's Syndrome. M40
Karpf, M.—(See Sweer, L.)
Kobayashi, S.—(See Tamai, T.)
Kuzuya, H.—(See Kakehi, T.)

Ladd, R.A.—(See Sweer, L.)
Lee, G.P.—(See Meador, K.J.)
Loring, D.W.—(See Meador, K.J.)

Magaziner, J.—D.A. Cadigan, J.R. Hebel, & R.E. Perry. Health and living arrangements among older women: Does living along increase the risk of illness? M127
Mant, A.—N.A. Saunders, A.E. Eyland, C.D. Pond, A.H. Chancellor, & I.W. Webster. Sleep-related respiratory disturbance and dementia in elderly females. M140
Martin, D.C.—(See Sweer, L.)
Matsumoto, A.M.—(See Tenover, J.S.)
Meador, K.J.—D.W. Loring, G.P. Lee, H.S. Taylor, D.R. Hughes, & D.S. Feldman. In vivo probe of central cholinergic systems. M158
Miki, K.—(See Sagawa, S.)
Miller, J.A.—(See Zahniser, N.R.)
Miller, J.K.—(See Sweer, L.)
Miller, S.T.—(See Elam, J.T.)
Miyabo, S.—(See Tamai, T.)
Montelpare, W.—(See Shephard, R.J.)
Muller, D.C.—(See Hallfrisch, J.)

Nakai, T.—(See Tamai, T.)
Natelson, B.H.—(See Ottenweller, J.E.)
Nelson, K.E.—(See Creditor, M.C.)
Nies, A.S.—(See Zahniser, N.R.)
Nishimura, H.—(See Kakehi, T.)
Norman, D.C.—R.H. Yamamura, & T.T. Yoshikawa. Fever response in old and young mice after injection of interleukin 1. M80

Okamoto, M.—(See Kakehi, T.)
Ottenweller, J.E.—W.N. Tapp, D. Creighton, & B.H. Natelson. Aging, stress, and chronic disease interact to suppress plasma testosterone in Syrian hamsters. M175

Parker, D.C.—(See Zahniser, N.R.)
Parry, R.E.—(See Magaziner, J.)
Pearlman, R.A.—& R.F. Uhlmann. Quality of life in chronic diseases: Perceptions of elderly patients. M25
Pearlman, R.A.—(See Uhlmann, R.F.)
Pond, C.D.—(See Mant, A.)
Potter, J.F.—D.F. Schafer, & R.L. Bohi. In-hospital mortality as a function of body mass index: An age-dependent variable. M59
Prinz, P.N.—(See Williams, D.E.)

Ries, R.K.—(See Williams, D.E.)

Sagawa, S.—K. Shiraki, M.K. Yousef, & K. Miki. Sweating and cardiovascular responses of aged men to heat exposure. M1
Saunders, N.A.—(See Mant, A.)
Schafer, D.F.—(See Potter, J.F.)
Schiavi, R.C.—& P. Schreiner-Engel. Nocturnal penile tumescence in healthy aging men. M146
Schreiner-Engel, P.—(See Schiavi, R.C.)
Shell, C.G.—(See Alvarez, S.)
Shephard, R.J.—& W. Montelpare. Geriatric benefits of exercise as an adult. M86
Shiraki, K.—(See Sagawa, S.)
Simpson, D.M.—& R. Wicks. Spectral analysis of heart rate indicates reduced baroreceptor-related heart rate variability in elderly persons. M21
Smith, E.C.—(See Creditor, M.C.)
Smith, J.K.—(See Alvarez, S.)
Sorock, G.S.—T.L. Bush, A.L. Golden, L.P. Fried, B. Breuer, & W.E. Hale. Physical activity and fracture risk in a free-living elderly cohort. M134
Sullivan, T.V.—(See Garn, S.M.)
Sweer, L.—D.C. Martin, R.A. Ladd, J.K. Miller, & M. Karpf. The medical evaluation of elderly patients with major depression. M53

Takai, H.—(See Tamai, T.)
Tamai, T.—T. Nakai, H. Takai, R. Fujiwara, S. Miyabo, M. Higuchi, & S. Kobayashi. The effects of physical exercise on plasma lipoprotein and apolipoprotein metabolism in elderly men. M75
Tapp, W.N.—(See Ottenweller, J.E.)
Taylor, H.S.—(See Meador, K.J.)
Tenover, J.S.—A.M. Matsumoto, D.K. Clifton, & W.J. Bremner. Age related alterations in the circadian rhythms of pulsatile luteinizing hormone and testosterone secretion in healthy men. M163
Tobin, J.D.—(See Hallfrisch, J.)
Tonino, R.P.—& P.A. Driscoll. Reliability of maximal and submaximal parameters of treadmill testing for the measurement of physical training in older persons. M101

Uhlmann, R.F.—R.A. Pearlman, & K.C. Cain. Physicians' and spouses' predictions of elderly patients' resuscitation preferences. M115
Uhlmann, R.F.—(See Pearlman, R.A.)

Vitiello, M.V.—(See Williams, D.E.)

Webster, I.W.—(See Mant, A.)
Wicks, R.—(See Simpson, D.M.)
Williams, D.E.—M.V. Vitiello, R.K. Ries, J. Bokan, & P.N. Prinz. Successful recruitment of elderly community-dwelling subjects for Alzheimer's disease research. M69
Wood, T.O.—(See Elam, J.T.)
Woollacott, M.—(See Inglin, B.)
Woolley, T.W.—(See Alvarez, S.)

Yamada, K.—(See Kakehi, T.)
Yamamura, R.H.—(See Norman, D.C.)
Yoshikawa, T.T.—(See Norman, D.C.)
Yoshimasa, Y.—(See Kakehi, T.)
Yousef, M.K.—(See Sagawa, S.)

Zahniser, N.R.—D.C. Parker, C.M. Bier-Laning, J.A. Miller, J.G. Gerber, & A.S. Nies. Comparison between the effects of aging on antagonist and agonist interactions with beta-adrenergic receptors on human mononuclear and polymorphonuclear leukocyte membranes. M151

Journal of Gerontology: PSYCHOLOGICAL SCIENCES

Contents of Volume 43

VOLUME 43 — JANUARY, 1988 — NUMBER 1

ROBERTA ANN POINTER SMITH, NANCY J. WOODWARD, BARBARA STRUDLER WALLSTON, KENNETH A. WALLSTON, PATRICIA RYE, AND MARC ZYLSTRA. Health Care Implications of Desire and Expectancy for Control in Elderly Adults P1
MATTHEW J. SHARPS AND EUGENE S. GOLLIN. Aging and Free Recall for Objects Located in Space P8
TERESA M. COONEY, K. WARNER SCHAIE, AND SHERRY L. WILLIS. The Relationship Between Prior Functioning on Cognitive and Personality Dimensions and Subject Attrition in Longitudinal Research P12
GEORGE E. STELMACH, PAUL C. AMRHEIN, AND NOREEN L. GOGGIN. Age Differences in Bimanual Coordination P18
RITA E. MAHARD. The CES-D as a Measure of Depressive Mood in the Elderly Puerto Rican Population P24

VOLUME 43 — MARCH, 1988 — NUMBER 2

DOLORES GOLD, DAVID ANDRES, TANNIS ARBUCKLE, AND ALEX SCHWARTZMAN. Measurement and Correlates of Verbosity in Elderly People P27
DIANE T. HYLAND AND ADELE M. ACKERMAN. Reminiscence and Autobiographical Memory in the Study of the Personal Past P35
BARBARA K. HAIGHT. The Therapeutic Role of a Structured Life Review Process in Homebound Elderly Subjects P40
JUDITH RODIN, GAIL MCAVAY, AND CHRISTINE TIMKO. A Longitudinal Study of Depressed Mood and Sleep Disturbances in Elderly Adults P45
MARY JANE LOHR, MARILYN J. ESSEX, AND MARJORIE H. KLEIN. The Relationships of Coping Responses to Physical Health Status and Life Satisfaction Among Older Women P54

VOLUME 43 — MAY, 1988 — NUMBER 3

ACKNOWLEDGMENTS P61
WILLIAM KOSNIK, LAURA WINSLOW, DONALD KLINE, KENNETH RASINSKI, AND ROBERT SEKULER. Visual Changes in Daily Life Throughout Adulthood P63
MARY E. SPITZER. Taste Acuity in Institutionalized and Noninstitutionalized Elderly Men P71
GEORGE W. REBOK, CHRISTOPHER J. MONTAGLIONE, AND GARY BENDLIN. Effects of Age and Training on Memory for Pragmatic Implications in Advertising P75
BERT HAYSLIP, JR. Personality-Ability Relationships in Aged Adults P79
KIM A. DAWSON AND DOUGLAS P. CROWNE. Longitudinal Development of Activity Rhythms in Long Evans Rats P85
JAMES A. BLACKBURN, DIANE PAPALIA-FINLAY, BARBARA F. FOYE, AND RONALD C. SERLIN. Modifiability of Figural Relations Performance Among Elderly Adults .. P87

VOLUME 43 — JULY, 1988 — NUMBER 4

CHARLES T. SCIALFA AND DONALD W. KLINE. Effects of Noise Type and Retinal Eccentricity on Age Differences in Identification and Localization P91
DOROTHY FIELD AND MEREDITH MINKLER. Continuity and Change in Social Support Between Young-old and Old-old or Very-old Age P100
ROBERT E. GUTTENTAG AND R. REED HUNT. Adult Age Differences in Memory for Imagined and Performed Actions P107
JOHN M. REISMAN. An Indirect Measure of the Value of Friendship for Aging Men P109
BOB KNIGHT. Factors Influencing Therapist-rated Change in Older Adults P111

VOLUME 43 — SEPTEMBER, 1988 — NUMBER 5

RICHARD SCHULZ AND CHRISTINE CURNOW. Peak Performance and Age Among Superathletes: Track and Field, Swimming, Baseball, Tennis, and Golf P113
ANN M. BAYLOR AND WANEEN W. SPIRDUSO. Systematic Aerobic Exercise and Components of Reaction Time in Older Women P121
MALCOLM B. DICK, MARY-LOUISE KEAN, AND DAN SANDS. The Preselection Effect on the Recall Facilitation of Motor Movements in Alzheimer-Type Dementia ... P127
JOHN TONER, BARRY GURLAND, AND JEANNE TERESI. Comparison of Self-Administered and Rater-Administered Methods of Assessing Levels of Severity of Depression in Elderly Patients P136

VOLUME 43 — NOVEMBER, 1988 — NUMBER 6

NANCY WHITE AND WALTER R. CUNNINGHAM. Is Terminal Drop Pervasive or Specific? P141
J. THOMAS PUGLISI, DENISE CORTIS PARK, ANDERSON D. SMITH, AND WILLIAM N. DUDLEY. Age Differences in Encoding Specificity P145
RUDOLF W. H. M. PONDS, WIEBO H. BROUWER, AND PETER C. VAN WOLFFELAAR. Age Differences in Divided Attention in a Simulated Driving Task P151
ERMINIO CAPITANI, SERGIO DELLA SALA, FEDERICA LUCCHELLI, PAOLA SOAVE, AND HANS SPINNLER. Perceptual Attention in Aging and Dementia Measured by Gottschaldt's Hidden Figure Test P157
RACHEL A. PRUCHNO, MORTON H. KLEBAN, AND NANCY L. RESCH. Psychometric Assessment of the Multidimensional Observation Scale for Elderly Subjects (MOSES) P164
KYLE KERCHER, KARL D. KOSLOSKI, AND JANICE BASTLIN NORMOYLE. Reconsideration of Fear of Personal Aging and Subjective Well-Being in Later Life P170
INDEX P173

Journal of Gerontology: SOCIAL SCIENCES

Contents of Volume 43

VOLUME 43 — JANUARY, 1988 — NUMBER 1

JERSEY LIANG, THANH VAN TRAN, AND KYRIAKOS S. MARKIDES. Differences in the Structure of Life Satisfaction Index in Three Generations of Mexican Americans S1
JEANNE L. THOMAS. Predictors of Satisfaction With Children's Help for Younger and Older Elderly Parents S9
MARC A. COHEN, EILEEN J. TELL, AND STANLEY S. WALLACK. The Risk Factors of Nursing Home Entry Among Residents of Six Continuing Care Retirement Communities S15
KAREN C. HOLDEN. Poverty and Living Arrangements Among Older Women: Are Changes in Economic Well-being Underestimated? S22
JOHN A. KROUT. Community Size Differences in Service Awareness Among Elderly Adults S28

VOLUME 43 — MARCH, 1988 — NUMBER 2

HAL L. KENDIG, RITA COLES, YVONNE PITTELKOW, AND SUE WILSON. Confidants and Family Structure in Old Age S31
WATARU KOYANO, HIROSHI SHIBATA, KATSUHARU NAKAZATO, HIROSHI HAGA, YASUO SUYAMA, AND TOSHIHISA MATSUZAKI. Prevalence of Disability in Instrumental Activities of Daily Living Among Elderly Japanese S41
RICHARD V. BURKHAUSER, KAREN C. HOLDEN, AND DANIEL FEASTER. Incidence, Timing, and Events Associated With Poverty: A Dynamic View of Poverty in Retirement S46
NEAL KRAUSE. Stressful Life Events and Physician Utilization S53

VOLUME 43 — MAY, 1988 — NUMBER 3

ACKNOWLEDGMENTS S63
BERIT INGERSOLL-DAYTON AND TONI C. ANTONUCCI. Reciprocal and Nonreciprocal Social Support: Contrasting Sides of Intimate Relationships S65
ALDEN SPEARE, JR. AND JUDITH W. MEYER. Types of Elderly Residential Mobility and Their Determinants S74
STEPHEN J. CUTLER AND ARMIN E. GRAMS. Correlates of Self-Reported Everyday Memory Problems S82
WENDY A. CAMPIONE. Predicting Participation in Retirement Preparation Programs S91
MARADEE A. DAVIS, SUZANNE P. MURPHY, AND JOHN M. NEUHAUS. Living Arrangements and Eating Behaviors of Older Adults in the United States S96

VOLUME 43 — JULY, 1988 — NUMBER 4

LINDA G. MARTIN. The Aging of Asia S99
GIORA KAPLAN, VITA BARELL, AND AYALA LUSKY. Subjective State of Health and Survival in Elderly Adults S114
CARL I. COHEN, JEANNE A. TERESI, AND DOUGLAS HOLMES. The Physical Well-Being of Old Homeless Men S121
DAVID L. MORGAN. Age Differences in Social Network Participation S129
ROSE M. ABLER AND BRUCE R. FRETZ. Self-Efficacy and Competence in Independent Living Among Oldest Old Persons S138

VOLUME 43 — SEPTEMBER, 1988 — NUMBER 5

JAMES R. BOHLAND AND GRAHAM D. ROWLES. The Significance of Elderly Migration to Changes in Elderly Population Concentration in the United States: 1960–1980 S145
KENNETH G. MANTON. A Longitudinal Study of Functional Change and Mortality in the United States S153
ELIZABETH MUTRAN AND KENNETH F. FERRARO. Medical Need and Use of Services Among Older Men and Women S162
FERN K. WILLITS AND DONALD M. CRIDER. Health Rating and Life Satisfaction in the Later Middle Years S172

VOLUME 43 — NOVEMBER, 1988 — NUMBER 6

ROBERT R. MCCRAE AND PAUL T. COSTA, JR. Age, Personality, and the Spontaneous Self-Concept S177
LEONARD EVANS. Older Driver Involvement in Fatal and Severe Traffic Crashes S186
MARK D. HAYWARD, WILLIAM R. GRADY, AND STEVEN D. MCLAUGHLIN. Recent Changes in Mortality and Labor Force Behavior Among Older Americans: Consequences for Nonworking Life Expectancy S194
A. REGULA HERZOG AND WILLARD L. RODGERS. Age and Response Rates to Interview Sample Surveys S200
EVELYN L. GOLDBERG, GEORGE W. COMSTOCK, AND SIOBÁN D. HARLOW. Emotional Problems and Widowhood S206
INDEX S209

Journal of Gerontology: BIOLOGICAL SCIENCES

Contents of Volume 43

VOLUME 43 — JANUARY, 1988 — NUMBER 1

RICHARD C. ADELMAN. Editorial: The Importance of Basic Biological Science to Gerontology B1
Letters to the Editor B3
KEISUKE IWASAKI, CHESTER A. GLEISER, EDWARD J. MASORO, C. ALEX MCMAHAN, EUN-JOO SEO, AND BYUNG PAL YU. The Influence of Dietary Protein Source on Longevity and Age-Related Disease Processes of Fischer Rats B5
KEISUKE IWASAKI, CHESTER A. GLEISER, EDWARD J. MASORO, C. ALEX MCMAHAN, EUN-JOO SEO, AND BYUNG PAL YU. Influence of the Restriction of Individual Dietary Components on Longevity and Age-Related Disease of Fischer Rats: The Fat Component and the Mineral Component B13
ANDREW W. GARDNER, ERIC T. POEHLMAN, DARLENE A. SEDLOCK, DONALD L. CORRIGAN, AND STEVEN SICONOLFI. A Longitudinal Study of Energy Expenditure in Males During Steady-State Exercise B22
INGLIS J. MILLER, JR. Human Taste Bud Density Across Adult Age Groups B26

VOLUME 43 — MARCH, 1988 — NUMBER 2

VINCENT J. CRISTOFALO. Editorial B31
GEORGE M. MARTIN AND MITCHELL S. TURKER. MINIREVIEW: Model Systems for the Genetic Analysis of Mechanisms of Aging B33
RICHARD WEINDRUCH, PAUL H. NAYLOR, ALLAN L. GOLDSTEIN, AND ROY L. WALFORD. Influences of Aging and Dietary Restriction on Serum Thymosin$_{\alpha 1}$ Levels in Mice B40
ARNOLD R. MILLER. A Set of Test Life Tables for Theoretical Gerontology B43
WALTER F. WARD. Enhancement by Food Restriction of Liver Protein Synthesis in the Aging Fischer 344 Rat B50
JAMES F. FLOOD. Effect of Acute Arecoline, Tacrine, and Arecoline + Tacrine Post-Training Administration on Retention in Late Middle-Aged Mice B54

VOLUME 43 — MAY, 1988 — NUMBER 3

ACKNOWLEDGMENTS B57
LETTERS TO THE EDITOR B58
EDWARD J. MASORO. MINIREVIEW: Food Restriction in Rodents: An Evaluation of Its Role in the Study of Aging B59
PHILIP J. SCARPACE, ARSHAG D. MOORADIAN, AND JOHN E. MORLEY. Age-Associated Decrease in Beta-Adrenergic Receptors and Adenylate Cyclase Activity in Rat Brown Adipose Tissue B65
NORMAN S. WOLF, W. ELLIS GIDDENS, AND GEORGE M. MARTIN. Life Table Analysis and Pathologic Observations in Male Mice of a Long-Lived Hybrid Strain ($A_J \times$ C57BL/6)F_1 ..... B71
T. A. PARKENING, T. J. COLLINS, AND W. W. AU. Paternal Age and Its Effects on Reproduction in C57BL/6NNia Mice B79

VOLUME 43 — JULY, 1988 — NUMBER 4

LETTERS TO THE EDITOR B85
THOMAS E. JOHNSON. MINIREVIEW: Genetic Specification of Life Span: Processes, Problems, and Potentials B87
STEFANO GOVONI, RICARDO ADRIAN RIUS, FIORENZO BATTAINI, AND MARCO TRABUCCHI. Reduced cAMP-Dependent Phosphorylation in Striatum and Nucleus Accumbens of Aged Rats: Evidence of an Altered Functioning of D_1 Dopaminoceptive Neurons B93
MUNETADA OIMOMI, YUICHIRO MAEDA, FUMIHIKO HATA, YOSHIAKI KITAMURA, SHINICHIRO MATSUMOTO, HIROSHI HATANAKA, AND SHIGEAKI BABA. A Study of the Age-related Acceleration of Glycation of Tissue Proteins in Rats B98
DAVID B. FRIEDMAN AND THOMAS E. JOHNSON. Three Mutants That Extend Both Mean and Maximum Life Span of the Nematode, *Caenorhabditis elegans*, Define the *age-1* Gene B102

VOLUME 43 — SEPTEMBER, 1988 — NUMBER 5

LETTERS TO THE EDITOR B110
EARL R. STADTMAN. MINIREVIEW: Protein Modification in Aging B112
WALTER F. WARD. Food Restriction Enhances the Proteolytic Capacity of the Aging Rat Liver B121
DIKE N. KALU, DAMON C. HERBERT, ROBERT R. HARDIN, BYUNG P. YU, GAIL KAPLAN, AND JOHN W. JACOBS. Mechanism of Dietary Modulation of Calcitonin Levels in Fischer Rats B125
OSAMU YAMAMOTO, IZUMI FUJI, TAIJI YOSHIDA, ANN B. COX, AND JOHN T. LETT. Age Dependency of Base Modification in Rabbit Liver DNA B132
THOMAS E. JOHNSON AND PHILIP S. HARTMAN. Radiation Effects on Life Span in *Caenorhabditis elegans* B137
WILLIAM B. ERSHLER, CHRISTOPHER L. COE, NELLIE LAUGHLIN, ROBERT G. KLOPP, STEFAN GRAVENSTEIN, ELLEN B. ROECKER, AND KEVIN T. SCHULTZ. Aging and Immunity in Non-Human Primates. II. Lymphocyte Response in Thymosin Treated Middle-aged Monkeys B142

VOLUME 43 — NOVEMBER, 1988 — NUMBER 6

EDITORIAL B147
JOHN O. HOLLOSZY. MINIREVIEW: Exercise and Longevity: Studies on Rats B149
FRANCINE GERVAIS, PARSOTTAM PATEL, AND EMIL SKAMENE. Increased Natural Resistance to *Listeria Monocytogenes* in Senescent Mice Correlates With Enhanced Macrophage Bactericidal Activity B152
KOJI OGOMORI, TETSUYUKI KITAMOTO, JUN TATEISHI, YUJI SATO, AND TAKATOSHI TASHIMA. Aging and Cerebral Amyloid: Early Detection of Amyloid in the Human Brain Using Chemical Extraction and Immunostain B157
PHILIP J. SCARPACE AND LEE A. BARESI. Increased Beta-Adrenergic Receptors in the Light-Density Membrane Fraction in Lungs From Senescent Rats B163
DAVID L. SNYDER, BERNARD S. WOSTMANN, AND MORRIS POLLARD. Serum Hormones in Diet-Restricted Gnotobiotic and Conventional Lobund-Wistar Rats B168
JUDITH J. WURTMAN, HARRIS LIEBERMAN, RITA TSAY, TONY NADER, AND BEVERLY CHEW. Calorie and Nutrient Intakes of Elderly and Young Subjects Measured Under Identical Conditions B174
INDEX B181

Journal of Gerontology: MEDICAL SCIENCES

Contents of Volume 43

VOLUME 43 — JANUARY, 1988 — NUMBER 1

SUEKO SAGAWA, KEIZO SHIRAKI, MOHAMED K. YOUSEF, AND KENJU MIKI. Sweating and Cardiovascular Responses of Aged Men to Heat Exposure M1
SALVADOR ALVAREZ, CHARLES G. SHELL, THOMAS W. WOOLLEY, STEVEN L. BERK, AND J. KELLY SMITH. Nosocomial Infections in Long-Term Facilities M9
EDWARD W. CAMPION, LORRAINE O. DELABRY, AND ROBERT J. GLYNN. The Effect of Age on Serum Albumin in Healthy Males: Report From the Normative Aging Study M18
DALE M. SIMPSON AND ROBIN WICKS. Spectral Analysis of Heart Rate Indicates Reduced Baroreceptor-Related Heart Rate Variability in Elderly Persons M21

VOLUME 43 — MARCH, 1988 — NUMBER 2

ROBERT A. PEARLMAN AND RICHARD F. UHLMANN. Quality of Life in Chronic Diseases: Perceptions of Elderly Patients M25
SUSAN BROWN EVE. A Longitudinal Study of Use of Health Care Services Among Older Women M31
TAKAKO KAKEHI, HIDESHI KUZUYA, YASUNAO YOSHIMASA, KAZUNORI YAMADA, MOTOZUMI OKAMOTO, HARUO NISHIMURA, AND HIROO IMURA. Binding and Tyrosine Kinase Activities of the Insulin Receptor on Epstein-Barr Virus Transformed Lymphocytes From Patients With Werner's Syndrome M40
JAMES S. GOODWIN AND PHILIP J. GARRY. Lack of Correlation Between Indices of Nutritional Status and Immunologic Function in Elderly Humans M46

VOLUME 43 — MAY, 1988 — NUMBER 3

ACKNOWLEDGMENTS M51
LEON SWEER, DAVID C. MARTIN, ROBERT A. LADD, JUDSON K. MILLER, AND MICHAEL KARPF. The Medical Evaluation of Elderly Patients With Major Depression M53
JANE F. POTTER, DANIEL F. SCHAFER, AND REBECCA L. BOHL. In-Hospital Mortality as a Function of Body Mass Index: An Age-Dependent Variable M59
JUDITH HALLFRISCH, JORDAN D. TOBIN, DENIS C. MULLER, AND REUBIN ANDRES. Fiber Intake, Age, and Other Coronary Risk Factors in Men of the Baltimore Longitudinal Study (1959–1975) M64
DIANNE E. WILLIAMS, MICHAEL V. VITIELLO, RICHARD K. RIES, JOHN BOKAN, AND PATRICIA N. PRINZ. Successful Recruitment of Elderly Community-Dwelling Subjects for Alzheimer's Disease Research M69

VOLUME 43 — JULY, 1988 — NUMBER 4

TOSHITAKA TAMAI, TSUGUHIKO NAKAI, HIROTADA TAKAI, RYUICHI FUJIWARA, SUSUMU MIYABO, MITSURU HIGUCHI, AND SHUHEI KOBAYASHI. The Effects of Physical Exercise on Plasma Lipoprotein and Apolipoprotein Metabolism in Elderly Men M75
DEAN C. NORMAN, RODNEY H. YAMAMURA, AND THOMAS. T. YOSHIKAWA. Fever Response in Old and Young Mice After Injection of Interleukin 1 ..... M80
ROY J. SHEPHARD AND WILLIAM MONTELPARE. Geriatric Benefits of Exercise as an Adult M86
PRISCILLA M. CLARKSON AND MARY E. DEDRICK. Exercise-Induced Muscle Damage, Repair, and Adaptation in Old and Young Subjects M91
MORTON C. CREDITOR, ELLEN C. SMITH, JAMES B. GALLAI, MARGARET BAUMANN, AND KENRAD E. NELSON. Tuberculosis, Tuberculin Reactivity, and Delayed Cutaneous Hypersensitivity in Nursing Home Residents M97
RICHARD P. TONINO AND PATRICIA A. DRISCOLL. Reliability of Maximal and Submaximal Parameters of Treadmill Testing for the Measurement of Physical Training in Older Persons M101
BARBARA INGLIN AND MARJORIE WOOLLACOTT. Age-Related Changes in Anticipatory Postural Adjustments Associated With Arm Movements M105

VOLUME 43 — SEPTEMBER, 1988 — NUMBER 5

RICHARD F. UHLMANN, ROBERT A. PEARLMAN, AND KEVIN C. CAIN. Physicians' and Spouses' Predictions of Elderly Patients' Resuscitation Preferences M115
JANET T. ELAM, MARSHALL J. GRANEY, WILLIAM B. APPLEGATE, STEPHEN T. MILLER, JERRE M. FREEMAN, THOMAS O. WOOD, AND THOMAS C. GETTLEFINGER. Functional Outcome One Year Following Cataract Surgery in Elderly Persons M122
JAY MAGAZINER, DORIS A. CADIGAN, J. RICHARD HEBEL, AND RUTH E. PARRY. Health and Living Arrangements Among Older Women: Does Living Alone Increase the Risk of Illness? M127
GARY S. SOROCK, TRUDY L. BUSH, ANNE L. GOLDEN, LINDA P. FRIED, BRENDA BREUER, AND WILLIAM E. HALE. Physical Activity and Fracture Risk in a Free-Living Elderly Cohort M134
ANDREA MANT, NICHOLAS A. SAUNDERS, ANN E. EYLAND, C. DIMITY POND, ALAN H. CHANCELLOR, AND IAN W. WEBSTER. Sleep-Related Respiratory Disturbance and Dementia in Elderly Females M140
RAUL C. SCHIAVI AND PATRICIA SCHREINER-ENGEL. Nocturnal Penile Tumescence in Healthy Aging Men M146

VOLUME 43 — NOVEMBER, 1988 — NUMBER 6

NANCY R. ZAHNISER, DALE C. PARKER, CAROL M. BIER-LANING, JERRY A. MILLER, JOHN G. GERBER, AND ALAN S. NIES. Comparison Between the Effects of Aging on Antagonist and Agonist Interactions With Beta-Adrenergic Receptors on Human Mononuclear and Polymorphonuclear Leukocyte Membranes M151
KIMFORD J. MEADOR, DAVID W. LORING, GREGORY P. LEE, HOWARD S. TAYLOR, DONNA R. HUGHES, AND DANIEL S. FELDMAN. In vivo Probe of Central Cholinergic Systems M158
JOYCE S. TENOVER, ALVIN M. MATSUMOTO, DONALD K. CLIFTON, AND WILLIAM J. BREMNER. Age-Related Alterations in the Circadian Rhythms of Pulsatile Luteinizing Hormone and Testosterone Secretion in Healthy Men M163
STANLEY M. GARN, TIMOTHY V. SULLIVAN, AND VICTOR M. HAWTHORNE. Effect of Skinfold Levels on Lipids and Blood Pressure in Younger and Older Adults M170
JOHN E. OTTENWELLER, WALTER N. TAPP, DEBRA CREIGHTON, AND BENJAMIN H. NATELSON. Aging, Stress, and Chronic Disease Interact To Suppress Plasma Testosterone in Syrian Hamsters M175
INDEX M181